DESCRIPTION

Your Gem Transmitter and Receiver is, without doubt, the smallest, lightest combination presently obtainable in the world, which can provide maximum performance. The latest transistor circuitry offers maximum sensitivity and utmost reliability in a manner which outdates any other single channel combination of the same type.

The ground range of the combination will be in excess of 800 yards driving a 7 ohm escapement.

RECEIVER

The receiver will operate any escapement directly or a motorised servo via a relay. The output transistor is capable of providing 800 mA into a load.

The power supply to the receiver is a nominal 6 volts, i.e., 4 pen cells, or 4.8v. 225 DKZ deac. The receiver will begin to lose range when the voltage falls below 4.2 volts, i.e., flat batteries.

Batteries are the source of most equipment troubles and, therefore, should be checked regularly. In case of malfunctioning, always suspect and check batteries first. Replace if weak or questionable. When operating in cold weather batteries lose their " zip " and may not provide sufficient voltage of current for proper operation if partially discharged.

To operate an escapement, connect the pink and one red wire to the escapement (red positive) and the green and one red to the power supply (via switch) as shown in fig. 1.

To operate a motorised servo, e.g., RMK Dynamite, connect a relay in place of the escapement and wire the contacts as shown in fig. 2. Two separate supplies are recommended when operating a servo, one for the receiver and one for the servo. This prevents feedback via the supply causing oscillation or " lock-in ".

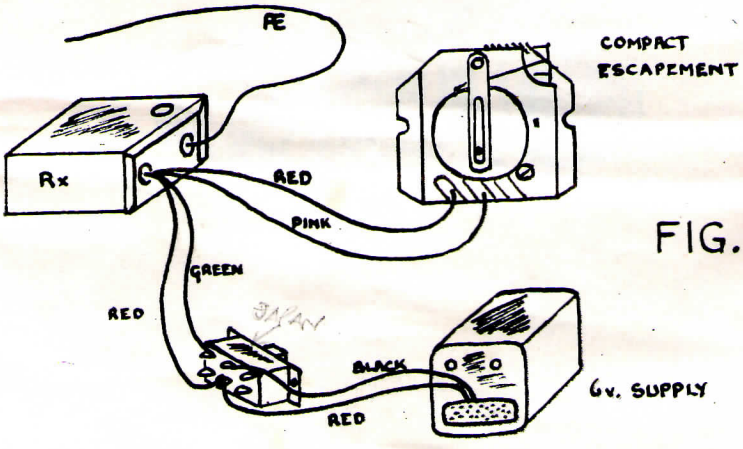


FIG. 1